

Industrial Trol-E Duct®

2 and 3 Pole
100/150 Amperes^①
600 Volt AC, 250 Volt DC

Standard Duty TD310

Description	Catalog Number	List Price \$	Ship. Weight (lbs.)
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Standard Straight Busway Sections

2-pole, 10 foot	TD210	790.	40
3-pole, 10 foot	TD310	890.	40

Drop-Out Sections

2-pole, 10 foot	TD210R	950.	45
2-pole, 10 foot — sectionalizing	TD210RS	1260.	45
3-pole, 10 foot	TD310R	1070.	45
3-pole, 10 foot — sectionalizing	TD310RS	1420.	45

Busless Busway And Drop-Out Sections

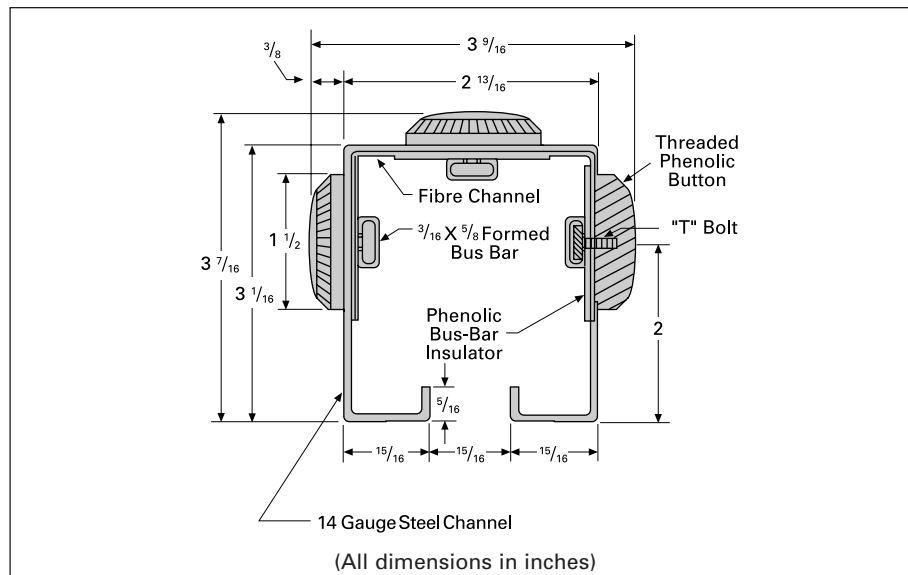
10 foot busway	TD010	488.	36
10 foot drop-out	TD010R	590.	36

Accessories (Complete Assemblies)

Hanger — 2 and 3-pole	TDH3	62.	4
Intermediate Hanger	TRH31	34.	1
End Plate	TRB23	42.	¾
Feed-In Adaptor — 2 and 3-pole	TDF3	118.	4
Insulated Ramp Ends (pair)	—	403.	—

Replacement Parts

Cover for standard hanger (contains 10 pieces)	W43771	55.	5
Hanger with cover (contains 1 piece)	W43564	55.	4
Bus Connector (contains 12 pieces)	W43101	104.	½
Feed-In Connector (top) (contains 2 pieces)	W43100	42.	1
Feed-In Connector (side) (contains 4 pieces)	W43099	102.	1



For inches / millimeters conversion, see Application Data Section.

① Busway rating is 100A continuous and 150A intermittent.

Note: All busway sections, regardless of length, include: 1 hanger, 1 hanger cover, 1 set of bus connectors. Recommended loads not to exceed 25 pounds. UL listed.

Refer to publication BUSA-5200 entitled, "TROL-E-DUCT Selection & Application Guide" for technical information and physical parameters.

☐ = Warehouse Stock

General

Straight Duct Sessions Less Than 10 Feet

For each straight busway section less than 10 feet long:

1. Use base price of **\$180.** list to cover special construction.
2. Take list price of standard 10-foot section of type required and prorate for footage price, figuring fractions to the next larger number of even feet, as shown below:

Example:

Required: 4 feet of 3-pole Trol-E-Duct, 100/150 ampere type.

Base price to cover special construction **\$180.**
Footage price (**\$81.50/foot**) prorated from TD310 **\$326.**

List price for 4 feet of 3-pole extra footage **\$506.**

Special Curved Duct Sections

Curved busway sections should be figured on basis of **\$95.** list per linear foot, plus **\$1650.** set-up and engineering charge for each curved section. Any change of direction constitutes a curve and should be priced as above.

Exceptions:

1. On a circle, 2 set-up charges will apply.
2. When 2 or more identical curves are required on a job, apply only one set-up charge to each group of identical curves.

To find the linear footage of special curves of any number of degrees and any radius, use the formula shown below:

$$2R \times 3.1416 \times \frac{D}{360} = L$$

R = Radius in feet D = Degrees of curve

L = Length of curve

Example:

Required: The length of a 75° curve with a radius of 5½ feet.

$$2 \times 5.5 \times 3.1416 \times \frac{75}{360} = 7.199 \text{ feet (charge for 8 feet).}$$

Fractions are figured to the next larger number of even feet, as price is always based on full linear feet.

Flared Ends

List price for each flared end on any straight or curved busway section **\$375.**

Special feed-in (required for busway sections with two flared ends) . . . **\$185.**

Industrial Trol-E Duct® / Trolleys, Tool Hangers

2 and 3 Pole Non-Fusible
600V AC and 250V DC

Trolley Type	Number of Poles	Maximum Amperes	Minimum Radius (feet)	Catalog Number	List Price \$	Ship. Weight (lbs.)
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Trolleys Only

Standard	2	30	5	T131	357.	4
Standard	3	30	5	T331	363.	4
Curve	2	60	3	T134	640.	5
Curve	3	60	3	T334	720.	5
Heavy Duty	2	60	5	TR131-1 ^①	427.	4
Heavy Duty	3	60	5	TR331-1 ^①	474.	4
Roller	2	20	5	TR131-2	326.	4
Roller	3	20	5	TR331-2	363.	4
Transfer	2	30	2	T25	1110.	7
Transfer	3	30	2	T35	1170.	7
Button	2	60	5	T132	580.	5
Button	3	60	5	T332	590.	5

Trolleys Box Hangers^②

Plain	—	—	—	TPTH	176.	5
Tool	—	—	—	TBTH	230.	6

Box Tool Hanger With SAF To Fuse Unit^②

30A 240V AC 250V DC	TBTH302F	359.	7
30A 600V AC	TBTH306F	600.	8

Box Tool Hanger With Receptacle^②

20A 240V AC 250V DC	TBTH202R	496.	7
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Box Tool Hanger With Starters^②

30A 1.5HP 240V AC 250V DC	TBTH312S	790.	13
30A 2.0HP 420V AC	TBTH322S	810.	14

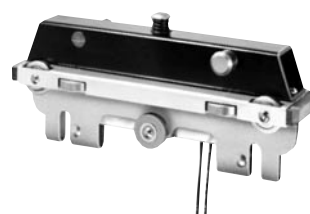
Box Tool Hanger With Starters^② And Receptacles

20A 1.5HP 240V AC 250V DC	TBTH212SR	910.	14
20A 2.0HP 420V AC	TBTH222SR	950.	15

Cleaning Trolleys

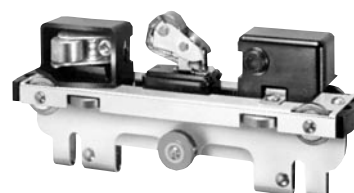
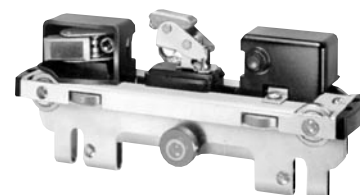
Abrasive	3	—	5	ACT331	630.	4
Brush	3	—	5	BCT331	630.	4

Note: When trolleys are used with auxiliary equipment that has a lower rating, the rating of the auxiliary device will govern the rating of the trolley. For example: heavy-duty trolleys (maximum 60A) used with box tool hangers having SAFtoFUSE units are limited by the fuse size to a rating of 30A. Also, trolleys used with box tool hangers having receptacles are limited by the receptacles' rating to a rating of 20A, 480V AC or 250V DC.



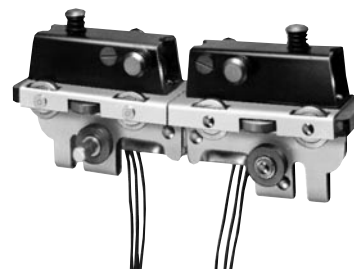
Standard Trolley
T331

Heavy Duty Trolley
TR331-1



Roller Type Trolley
TR331-2

Transfer Type Trolley
T35



Button Type Trolley
T332



Plain Tool Hanger



Box Tool Hanger

①For 90A heavy duty trolleys, 2- or 3-pole, add \$80. to list price above.

②Plain and box tool hangers are not designed for use with curve or transfer type trolleys. They are for assembly only on standard, heavy-duty, roller or button trolleys.

Refer to publication BUSA-5200 entitled, "TROL-E-DUCT Selection & Application Guide" for technical information and physical parameters.

□ = Warehouse Stock

Industrial Trol-E Duct®

4 Pole
100/150 Amperes^①
480 Volt AC, 250 Volt DC

Standard Duty TD410

Description	Catalog Number	List Price \$	Ship. Weight (lbs.)
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Standard Straight Busway Sections

4-pole, 10 foot	TD410	1200.	44
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Drop-Out Sections

4-pole, 10 foot	TD410R	1450.	49
4-pole, 10 foot — sectionalized	TD410RS	1930.	49

Busway Accessories (Complete Assemblies)

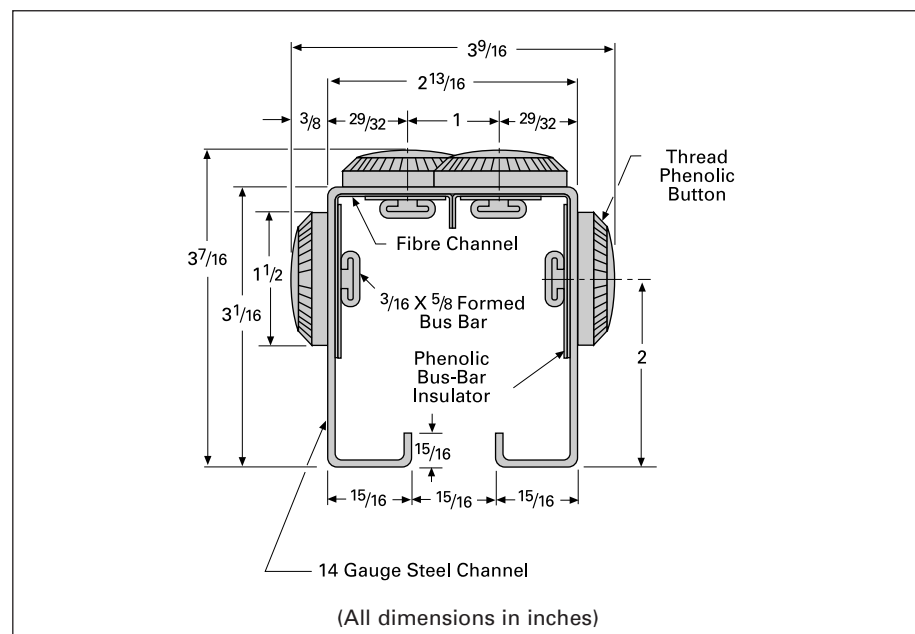
Hanger — 4-pole	TDH4	76.	4%
Intermediate Hanger	TRH31	34.	1
End Plate	TRB23	42.	¾
Feed-In Adaptor — 4-pole	TDF4	121.	4%
Insulated Ramp Ends (pair)	—	403.	—

4-Pole Trolley

30A 4-pole Button Trolley	T431	499.	4
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Replacement Parts

Cover for standard hanger (contains 10 pieces)	W43771	55.	5
Hanger with cover (contains 1 piece)	W43564	55.	4
Bus Connector (contains 12 pieces)	W43101	104.	½
Feed-In Connector (top) (contains 2 pieces)	W43100	42.	1
Feed-In Connector (side) (contains 4 pieces)	W43099	102..	1



For inches / millimeters conversion, see Application Data Section.

① Busway rating is 100A continuous and 150A intermittent.

Note: All busway sections, regardless of length, include:
1 hanger, 1 hanger cover, 1 set of bus connectors.

Recommended loads not to exceed 25 pounds.
UL listed

Refer to publication BUSA-5200 entitled, "TROL-E-DUCT Selection & Application Guide" for technical information and physical parameters.

 = Warehouse Stock

General

Straight Busway Sections Less Than 10 Feet

For each straight busway section less than 10 feet long:

1. Use base price of **\$205**. list to cover special construction.
2. Take list price of standard 10-foot section of type required and prorate for footage price, figuring fractions to the next larger number of even feet, as shown below:

Example:

Required: 4 feet of 4-pole Trol-E-Duct,
100/150 ampere type.

Base price to cover special construction **\$205.**

Footage price (\$110.50/foot) prorated from TD410	\$442.00
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List price for 4 feet of 4-pole extra
footage **\$647.00**

Special Curved Busway Sections

Curved busway sections should be figured on basis of **\$130.** list per linear foot, plus **\$1790.** set-up and engineering charge for each curved section of different radii and/or degrees. Any change of direction constitutes a curve and should be priced as above.

Exceptions:

1. On a circle, 2 set-up charges will apply.
2. When 2 or more identical curves are required on a job, apply only one set-up charge to each group of identical curves.

To find the linear footage of special curves of any number of degrees and any radius, use the formula shown below:

$$2R \times 3.1416 \times \frac{D}{360} = L$$

R = Radius in feet D = Degrees of curve

L = Length of curve

Example:

Required: The length of a 75° curve with a radius of $5\frac{1}{2}$ feet.

$$2 \times 5.5 \times 3.1416 \times \frac{75}{360} = 7.199 \text{ feet (charge for 8 feet).}$$

Fractions are figured to the next larger number of even feet, as price is always based on full linear feet.

Flared Ends

List price for each flared end on any straight or curved busway section **\$400.**

Special feed-in (required for busway sections with two flared ends) . . . **\$200.**